10/549,852 Yong Chu X=S_alkyl 05/15/2009 Yong Chu

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NEWS 1		Web Page for STN Seminar Schedule - N. America
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NEWS 10	FEB 23	Several formats for image display and print options discontinued in USPATFULL and USPAT2
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NEWS 12	FEB 23	TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms
NEWS 13	FEB 23	Three million new patent records blast AEROSPACE into STN patent clusters
NEWS 14	FEB 25	USGENE enhanced with patent family and legal status display data from INPADOCDB
NEWS 15	MAR 06	INPADOCDB and INPAFAMDB enhanced with new display formats
NEWS 16	MAR 11	EPFULL backfile enhanced with additional full-text applications and grants
NEWS 17	MAR 11	ESBIOBASE reloaded and enhanced
NEWS 18	MAR 20	CAS databases on STN enhanced with new super role for nanomaterial substances
NEWS 19	MAR 23	CA/CAplus enhanced with more than 250,000 patent equivalents from China
NEWS 20	MAR 30	IMSPATENTS reloaded and enhanced
NEWS 21	APR 03	CAS coverage of exemplified prophetic substances enhanced
NEWS 22	APR 07	STN is raising the limits on saved answers
NEWS 23	APR 24	CA/CAplus now has more comprehensive patent assignee information
NEWS 24	APR 26	USPATFULL and USPAT2 enhanced with patent assignment/reassignment information
NEWS 25	APR 28	CAS patent authority coverage expanded
NEWS 26	APR 28	ENCOMPLIT/ENCOMPLIT2 search fields enhanced
NEWS 27	APR 28	Limits doubled for structure searching in CAS

                    REGISTRY
 NEWS 28 MAY 08 STN Express, Version 8.4, now available
 NEWS 29 MAY 11 STN on the Web enhanced
 NEWS 30 MAY 11 BEILSTEIN substance information now available on
                  STN Easy
 NEWS 31 MAY 14 DGENE, PCTGEN and USGENE enhanced with increased
                  limits for exact sequence match searches and
                  introduction of free HIT display format
 NEWS 32 MAY 15 INPADOCDB and INPAFAMDB enhanced with Chinese legal
                  status data

 NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
              AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 16:15:25 ON 15 MAY 2009

=> file reg
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                         ENTRY   SESSION
FULL ESTIMATED COST   0.22   0.22

FILE 'REGISTRY' ENTERED AT 16:15:43 ON 15 MAY 2009

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 14 MAY 2009 HIGHEST RN 1146852-72-3
DICTIONARY FILE UPDATES: 14 MAY 2009 HIGHEST RN 1146852-72-3

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TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

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experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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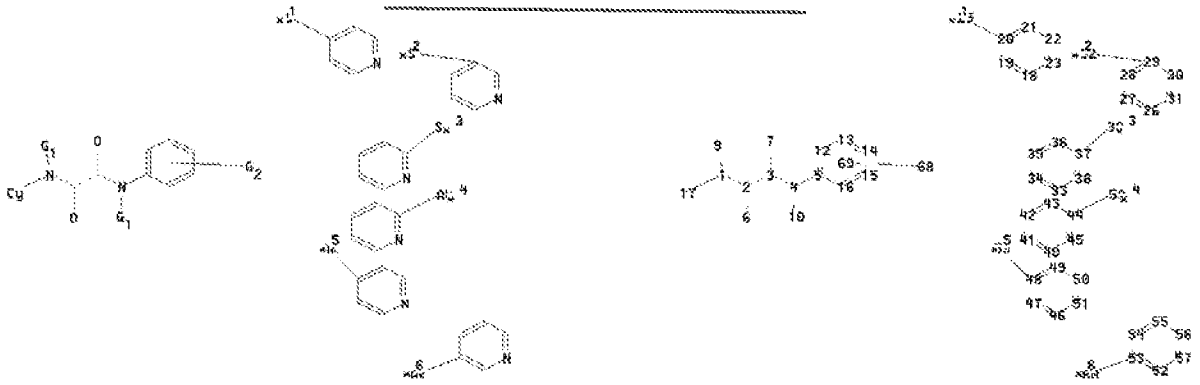
Settings\ychu\Desktop\Case\10549852\10549852F_05152009.str

Scope with X = S and CH2



chain nodes :
1 2 3 4 6 7 9 10 17 25 32 39 58 59 60 68
ring nodes :
5 12 13 14 15 16 18 19 20 21 22 23 26 27 28 29 30 31 33 34 35
36 37 38 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57
chain bonds :
1-9 1-2 1-17 2-3 2-6 3-4 3-7 4-5 4-10 20-25 29-32 37-39 44-58 48-59
53-60
ring bonds :
5-12 5-16 12-13 13-14 14-15 15-16 18-19 18-23 19-20 20-21 21-22 22-23
26-27 26-31 27-28 28-29 29-30 30-31 33-34 33-38 34-35 35-36 36-37 37-38
40-41 40-45
41-42 42-43 43-44 44-45 46-47 46-51 47-48 48-49 49-50 50-51 52-53 52-57
53-54 54-55 55-56
56-57
exact/norm bonds :
1-9 1-2 1-17 2-3 2-6 3-4 3-7 4-5 4-10 20-25 29-32 37-39 44-58 48-59
53-60
normalized bonds :
5-12 5-16 12-13 13-14 14-15 15-16 18-19 18-23 19-20 20-21 21-22 22-23
26-27 26-31 27-28 28-29 29-30 30-31 33-34 33-38 34-35 35-36 36-37 37-38
40-41 40-45
41-42 42-43 43-44 44-45 46-47 46-51 47-48 48-49 49-50 50-51 52-53 52-57
53-54 54-55 55-56
56-57

G1:H,CH3,CH2,Et

G2:[*1],[*2],[*3],[*4],[*5],[*6]

Connectivity :
6:1 E exact RC ring/chain 7:1 E exact RC ring/chain
Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:Atom 6:CLASS 7:CLASS 9:CLASS 10:CLASS
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom
21:Atom 22:Atom
23:Atom 25:CLASS 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:CLASS
33:Atom 34:Atom

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35:Atom  36:Atom  37:Atom  38:Atom  39:CLASS  40:Atom  41:Atom  42:Atom  43:Atom
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57:Atom  58:CLASS  59:CLASS  60:CLASS  68:CLASS  69:Atom
Generic attributes :
17:
Saturation             : Unsaturated
58:
Saturation             : Saturated
59:
Saturation             : Saturated
60:
Saturation             : Saturated




L1      STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1              STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -  AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.


=> s l1
SAMPLE SEARCH INITIATED 16:16:27 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -      508 TO ITERATE

100.0% PROCESSED      508 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:         8808 TO    11512
PROJECTED ANSWERS:               0 TO        0

L2            0 SEA SSS SAM L1

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L3            5 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                     186.36     186.58

FILE 'CAPLUS' ENTERED AT 16:16:48 ON 15 MAY 2009
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FILE COVERS 1907 - 15 May 2009 VOL 150 ISS 21
FILE LAST UPDATED: 14 May 2009 (20090514/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2009

CAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate

=> s l3
L4 2 L3

=> d ibib abs hitstr tot

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2004:817864 CAPLUS Full-text
DOCUMENT NUMBER: 141:314164
TITLE: Preparation of pyridinyloxyphenylethanediamide derivatives as RAF-kinase inhibitors
INVENTOR(S): Buchstaller, Hans-Peter; Wiesner, Matthias; Zenke, Frank; Amendt, Christiane; Grell, Matthias; Sirrenberg, Christian
PATENT ASSIGNEE(S): Merck Patent G.m.b.H., Germany
SOURCE: PCT Int. Appl., 197 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004085399	A1	20041007	WO 2004-EP2406	20040309

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,

Current application

ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2004224239	A1	20041007	AU 2004-224239	20040309
CA 2520009	A1	20041007	CA 2004-2520009	20040309
EP 1606260	A1	20051221	EP 2004-718645	20040309
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
BR 2004007968	A	20060307	BR 2004-7968	20040309
CN 1764645	A	20060426	CN 2004-80007867	20040309
JP 2006521304	T	20060921	JP 2006-504608	20040309
US 20060189665	A1	20060824	US 2005-549852	20050923
ZA 2005008522	A	20070425	ZA 2005-8522	20051020
PRIORITY APPLN. INFO.:			EP 2003-6702 A	20030324
			WO 2004-EP2406 W	20040309

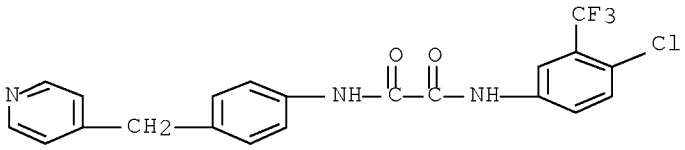
OTHER SOURCE(S): CASREACT 141:314164; MARPAT 141:314164

AB ADB [D = (substituted) bivalent oxamide moiety; A = L(ML1)a; L = 5-7 membered cyclic structure, preferably aryl, heteroaryl, arylene, heteroarylene; L1 = (substituted) cyclic moiety having at least 5 members, preferably aryl, heteroaryl, aralkyl, cycloalkyl, heterocyclyl; M = bond, bridging group; a = 1-4; L, L1 contain 0-4 N, O, S atoms; B = (substituted) up to tricyclic aryl, heteroaryl contg. 0-4 N, O, S atoms], were prepd. for treatment of hyperproliferative and nonhyperproliferative disorders (no data). For example, reaction of N-(4-chloro-3-trifluoromethylphenyl)-2-oxoglycine (prepn. given) with 4-(4-pyridinyloxy)phenylamine yielded N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[4-(4- pyridinyloxy)phenyl]ethanediamine.

IT 767358-38-3P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of pyridinyloxyphenylethanediamide derivs. as RAF-kinase inhibitors)

RN 767358-38-3 CAPLUS

CN Ethanediamide, N1-[4-chloro-3-(trifluoromethyl)phenyl]-N2-[4-(4-pyridinylmethyl)phenyl]- (CA INDEX NAME)



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2001:631913 CAPLUS Full-text

DOCUMENT NUMBER: 135:195556

TITLE: Preparation of azolylphenyl oxamides as inosine monophosphate dehydrogenase (IMPDH) inhibitors

INVENTOR(S): Broadhurst, Michael John; Hill, Christopher Huw; Hurst, David Nigel; Jones, Philip Stephen; Kay, Paul Brittain; Kilford, Ian Reginald; Mckinnell, Robert Murray

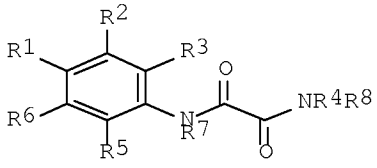
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.

SOURCE: Eur. Pat. Appl., 256 pp.

CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
EP 1127883	A2	20010829	EP 2001-103521		20010216
EP 1127883	A3	20020807			
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO					
US 20020052513	A1	20020502	US 2001-779116		20010208
US 6867299	B2	20050315			
CA 2337588	A1	20010824	CA 2001-2337588		20010220
HU 2001000836	A2	20011028	HU 2001-836		20010221
HR 2001000127	A1	20011231	HR 2001-127		20010221
NO 2001000900	A	20010827	NO 2001-900		20010222
CN 1310179	A	20010829	CN 2001-104906		20010223
BR 2001000790	A	20010925	BR 2001-790		20010223
IN 2001MA00167	A	20050304	IN 2001-MA167		20010223
JP 2001261663	A	20010926	JP 2001-51064		20010226
PRIORITY APPLN. INFO.:			GB 2000-4392	A	20000224
			GB 2000-15877	A	20000628
			GB 2000-20322	A	20000817

OTHER SOURCE(S): MARPAT 135:195556
GI



I

AB Title compds. (I; R1 = heterocyclyl; R2 = H, alkyl, alkoxy, halo, OH, cyano; R3 = H, alkyl, alkoxy, halo, cyano; R4 = H, alkyl, cycloalkyl, aryl, heterocyclyl; R5 = H, alkyl, alkoxy, halo, cyano; R6 = H, alkyl, alkoxy, halo, cyano; R7, R8 = H, alkyl; R4R8N = heterocyclyl), were prepd. Thus, 1,1-dimethyl-3-(4-nitrophenoxy)propylamine (prepn. given) was coupled with N-[3-methoxy-4-(5-oxazolyl)phenyl]oxamic acid in the presence of 1-(3-dimethylaminopropyl)-3-ethylcarbodiimide and 1-hydroxy-7-azabenzotriazole to give N-[3-methoxy-4-(5-oxazolyl)phenyl]-N'-[1,1-dimethyl-3-(4-nitrophenoxy)propyl]oxalamide. Tested I inhibited IMPDH with IC50 = 0.010-0.277 .mu.M. I can be used for treating immune mediated conditions or diseases, viral diseases, bacterial diseases, parasitic diseases, inflammation, inflammatory diseases, hyperproliferative vascular diseases, tumors, and cancer.

IT 357184-58-8P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of azolylphenyl oxamides as inosine monophosphate dehydrogenase (IMPDH) inhibitors)

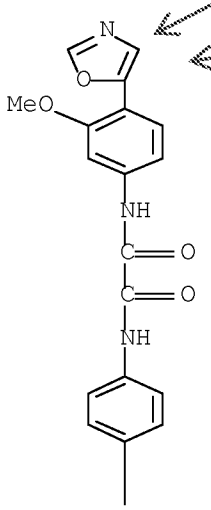
RN 357184-58-8 CAPLUS

CN Ethanediamide, N1-[3-methoxy-4-(5-oxazolyl)phenyl]-N2-[4-(4-pyridinylmethyl)phenyl]- (CA INDEX NAME)

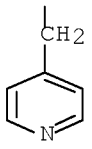
Close but not a prior art

Different R8

PAGE 1-A



PAGE 2-A



REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	12.28	198.86

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL

	ENTRY	SESSION
CA SUBSCRIBER PRICE	-1.64	-1.64

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STN INTERNATIONAL SESSION SUSPENDED AT 16:17:48 ON 15 MAY 2009